

# Welcome!!!

H. Leslie Grebe

- \* Pick up:  
- question sheet

Opening question:

What does "potential" mean (regular English and in physics)?

GRAV. POTL. ENERGY = HIGH UP  
↓  
STORED OR READY

BRIGHT  
FUTURE

COULD DO  
A LOT

NOT  
YET

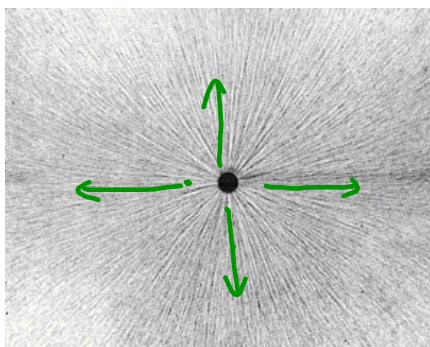
ENERGY  
LIKELINESS

Sep 7-7:04 AM

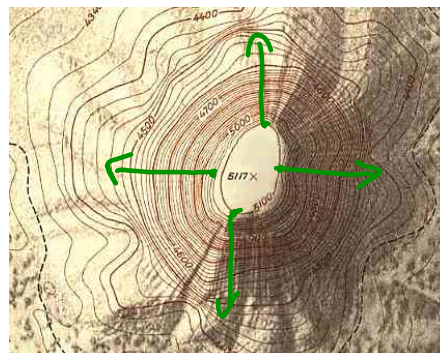
Big Idea of Wednesday:

Electric charges are surrounded  
by electric fields

ELECTRIC  
POTENTIAL



GRAVITATIONAL  
POTENTIAL



TOPOGRAPHY

VOLTAGE ← HEIGHT  
POSITIVE TO NEGATIVE DOWNHILL

Feb 2-7:44 AM

## Outrageous Acts of Science

A show about viral videos and the science that makes them possible...



### "Arc Attack" Power Junkies #1

1. Just watch
2. Read the questions
3. Watch again
4. Discuss
5. Watch a last time to catch anything you might have missed

Oct 4-7:27 AM

## Internet Explorer -- "Phet charges and fields" -- Run Now

### Project Clarification:

Transparency = SEE THRU / FADEN



"with" the arrows:



"against" the arrows:



...charge released in an electric field will spontaneously move from regions of high / low potential to regions of high / low potential.

NOT TODAY

Last page is conclusion and for display -- points for looking nice! (Don't just make a square...)

Feb 14-7:33 AM